

*Cn*

$-R^6-(CH_2)_iNR^5C(NR^5)N(R^3)_2$ , including  $-O-(CH_2)_iNR^5C(NR^5)N(R^3)_2$ ,  $-NH-$   
 $(CH_2)_iNR^5C(NR^5)N(R^3)_2$ , and  $-(CH_2)_{2-5}NR^5C(NR^5)N(R^3)_2$ .

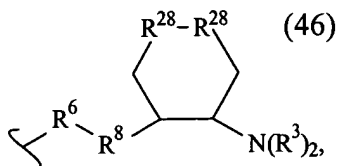
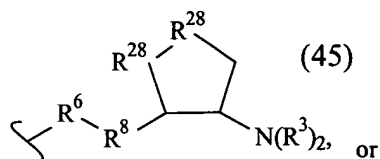
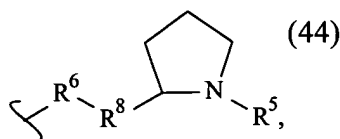
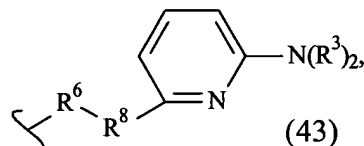
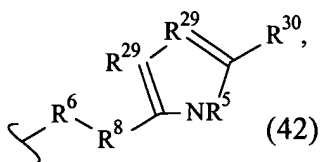
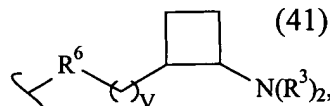
**In the Claims:**

Please amend claims 3, 4, 14, and 15 as follows:

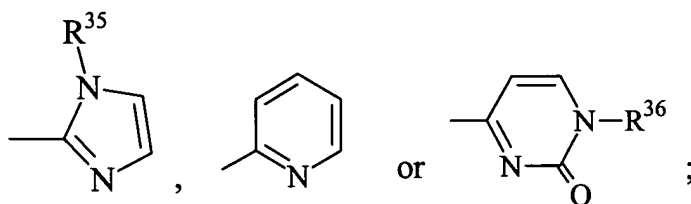
3. (amended) The compound of claim 1, wherein  $R^2$  is  $[-R^6-(CH_2)_iNR^5C(NR^5)N(R^3)_2]$

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$-R^6-(CH_2)_iNR^5C(NR^5)N(R^3)_2$ ,  $-R^6-CH_2-CHR^{31}-N(R^3)_2$ ,  $-R^6-(R^7)_v-N(R^3)_2$ ,  $-R^6-(CH_2)_i-N(R^3)_2$ ,  
 $-(CH_2)_{1-2}-O-(CH_2)_i-N(R^3)_2$ ,



$R^3$  is independently -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub> or a protecting group, or both  $R^3$  together are a protecting group, or when  $R^2$  is -R<sup>6</sup>-(CH<sub>2</sub>)<sub>i</sub>-N(R<sup>33</sup>)<sub>2</sub>, one  $R^3$  is -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, a protecting group or -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub> and the other  $R^3$  is -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub>, -CH(N(R<sup>33</sup>)<sub>2</sub>)-N(R<sup>33</sup>)<sub>2</sub>,



$R^5$  is independently H or a protecting group;

$R^6$  is independently -S-, -NR<sup>5</sup>-, -O- or -CH<sub>2</sub>-;

$R^7$  is independently linear alkyl having 1, 2, 3 or 4 carbon atoms optionally substituted with one -CH=CH-, -C=C- or -CH<sub>2</sub>-O-CH<sub>2</sub>- moiety, or  $R^7$  is cyclic alkyl having 3, 4 or 5 carbon atoms, wherein one of the linear alkyl carbon atoms is optionally substituted with a single -CH<sub>3</sub>, -CN, =O, -OH or protected hydroxyl, provided that the carbon atoms in any -CH=CH- or -CH<sub>2</sub>-O-CH<sub>2</sub>- moiety are not substituted with =O, -OH or protected hydroxyl;

$R^8$  is linear alkylene having 1 or 2 carbon atoms wherein one alkylene carbon atom is optionally substituted with a single -CH<sub>3</sub>, -CN, =O, -OH or protected hydroxyl, or  $R^8$  is absent;

$R^{28}$  is independently -CH<sub>2</sub>-, -CH(CH<sub>3</sub>)-, -CH(OCH<sub>3</sub>)-, -CH(OR<sup>5</sup>)- or -O-, but both are not -O-;

$R^{29}$  is independently -N-, -N(CH<sub>3</sub>)-, -CH-, -C(CH<sub>3</sub>)-, but both are not -N(CH<sub>3</sub>)-;

$R^{30}$  is -H or  $-N(R^3)_2$ ;

$R^{31}$  is the side chain of an amino acid;

$R^{33}$  is independently -H,  $-CH_3$ ,  $-CH_2CH_3$  or a protecting group;

$R^{35}$  is H,  $C_1-C_4$  alkyl or a protecting group;

$R^{36}$  is H,  $-CH_3$ ,  $-CH_2CH_3$ , a protecting group or an optionally protected monosaccharide;

t is 1, 2, 3 or 4, but when  $R^6$  is -O-, -S- or  $-NR^5$ -, t is 2, 3 or 4;

v is independently 0, 1 or 2; and

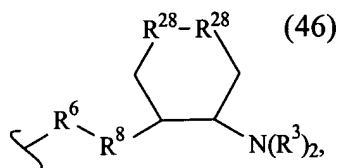
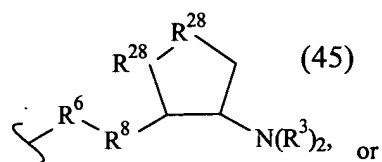
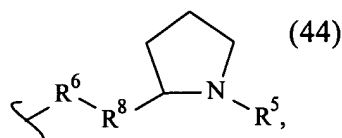
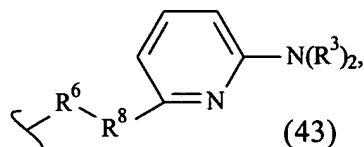
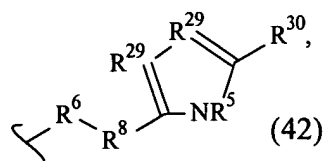
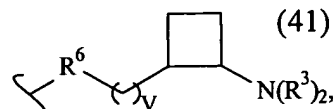
w is independently 1 or 2.

4. (amended) The compound of claim 3 wherein  $R^2$  is  $-CH_2-(CH_2)_tN(R^3)_2$ ,

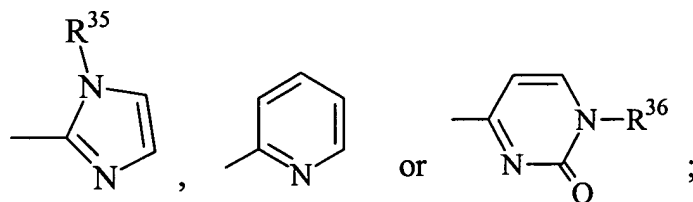
$-NR^5-(CH_2)_tN(R^3)_2$ ,  $-S-(CH_2)_tN(R^3)_2$ ,  $-O-(CH_2)_tN(R^3)_2$ ,  $[-O-(CH_2)_tNR^5C(NR^5)(NR^3)_2]$ ,  $-O-$   
 $(CH_2)_tNR^5C(NR^5)N(R^3)_2$ ,  $-(CH_2)_{1-2}-O-(CH_2)_tN(R^3)_2$ ,  $-R^6-CH_2-CHR^{31}-N(R^3)_2$ ,  $-R^6-(R^7)_v-N(R^3)_2$ ,  
 $[-R^6-(CH_2)_t-NR^5C(NR^5)(NR^3)_2]$ ,  $-R^6-(CH_2)_t-NR^5C(NR^5)N(R^3)_2$ , or  $[-CH_2-(CH_2)_tNR^5C(NR^5)(NR^3)_2]$ ,  
 $-CH_2-(CH_2)_tNR^5C(NR^5)N(R^3)_2$ .

14. (amended) The compound of claim 1, wherein  $R^2$  is  $[-R^6-(CH_2)_tNR^5C(NR^5)(NR^3)_2]$

$-R^6-(CH_2)_tNR^5C(NR^5)N(R^3)_2$ ,  $-R^6-CH_2-CHR^{31}-N(R^3)_2$ ,  $-R^6-(R^7)_v-N(R^3)_2$ ,  $-R^6-(CH_2)_t-N(R^3)_2$ ,  
 $-(CH_2)_{1-2}-O-(CH_2)_t-N(R^3)_2$ ,



$R^3$  is independently -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub> or a protecting group, or both  $R^3$  together are a protecting group, or when  $R^2$  is -R<sup>6</sup>-(CH<sub>2</sub>)<sub>t</sub>-N(R<sup>33</sup>)<sub>2</sub>, one  $R^3$  is -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, a protecting group or -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub> and the other  $R^3$  is -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, -(CH<sub>2</sub>)<sub>w</sub>-N(R<sup>33</sup>)<sub>2</sub>, -CH(N(R<sup>33</sup>)<sub>2</sub>)-N(R<sup>33</sup>)<sub>2</sub>,



$R^5$  is independently H or a protecting group;

$R^6$  is independently -S-, -NR<sup>5</sup>-, -O- or -CH<sub>2</sub>-;

$R^7$  is independently linear alkyl having 1, 2, 3 or 4 carbon atoms optionally substituted with one -CH=CH-, -C=C- or -CH<sub>2</sub>-O-CH<sub>2</sub>- moiety, or  $R^7$  is cyclic alkyl having 3, 4 or 5 carbon atoms, wherein one of the linear alkyl carbon atoms is optionally substituted with a single -CH<sub>3</sub>, -CN, =O, -OH or protected hydroxyl, provided that the carbon atoms in any -CH=CH- or -CH<sub>2</sub>-O-CH<sub>2</sub>- moiety are not substituted with =O, -OH or protected hydroxyl;

$R^8$  is linear alkylene having 1 or 2 carbon atoms wherein one alkylene carbon atom is optionally substituted with a single -CH<sub>3</sub>, -CN, =O, -OH or protected hydroxyl, or  $R^8$  is absent;

$R^{28}$  is independently -CH<sub>2</sub>-, -CH(CH<sub>3</sub>)-, -CH(OCH<sub>3</sub>)-, -CH(OR<sup>5</sup>)- or -O-, but both are not -O-;

$R^{29}$  is independently -N-, -N(CH<sub>3</sub>)-, -CH-, -C(CH<sub>3</sub>)-, but both are not -N(CH<sub>3</sub>)-;

$R^{30}$  is -H or -N(R<sup>3</sup>)<sub>2</sub>;

$R^{31}$  is the side chain of an amino acid;

$R^{33}$  is independently -H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub> or a protecting group;

$R^{35}$  is H, C<sub>1</sub>-C<sub>4</sub> alkyl or a protecting group;

$R^{36}$  is H, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, a protecting group or an optionally protected monosaccharide;

t is 1, 2, 3 or 4, but when  $R^6$  is -O-, -S- or -NR<sup>5</sup>-, t is 2, 3 or 4;

v is independently 0, 1 or 2; and

w is independently 1 or 2.